

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 AEM FLIGHT (RFA) SOLEUS MAST CELL CONCENTRATION

Here is the RAW DATA:

23.70000
18.00000
18.00000
23.00000
20.70000

Number of data points (N) = 5

Sum of the individual data points = 103.40000

Mean = 20.68000

Sum of the squares = 28.86800

Standard deviation (S) = 2.68645

Variance (S squared) = 7.21700

Standard error (s sub xbar) = 1.20142

Coefficient of variation = 12.99056

T value, 95% = 2.77600

T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 17.34487

Midpoint of 95% interval (MEAN) is: 20.68000

High end of 95% interval is: 24.01513

Total length of 95% interval is: 6.67026

Half length of 95% interval is: 3.33513

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 15.14868

Midpoint of 99% interval (MEAN) is: 20.68000

High end of 99% interval is: 26.21132

Total length of 99% interval is: 11.06264

Half length of 99% interval is: 5.53132

***** END OF CUREALL RUN *****

*** CUREALL ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 DFPT R+O AEM FLIGHT (DRFA) SOLEUS MAST CELL CONCENTRATION

Here is the RAW DATA:

21.30000
23.00000
17.30000
13.00000
29.00000

Number of data points (N) = 5

Sum of the individual data points = 103.60000

Mean = 20.72000

Sum of the squares = 145.38800

Standard deviation (S) = 6.02885

Variance (S squared) = 36.34700

Standard error (s sub xbar) = 2.69618

Coefficient of variation = 29.09675

T value, 95% = 2.77600

T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 13.23540

Midpoint of 95% interval (MEAN) is: 20.72000

High end of 95% interval is: 28.20460

Total length of 95% interval is: 14.96921

Half length of 95% interval is: 7.48460

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 8.30678

Midpoint of 99% interval (MEAN) is: 20.72000

High end of 99% interval is: 33.13322

Total length of 99% interval is: 24.82645

Half length of 99% interval is: 12.41322

***** END OF CUREALL RUN *****

*** CUREALL ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF FLIGHT (RFR) SOLEUS MAST CELL CONCENTRATION

Here is the RAW DATA:

20.30000
20.70000
24.00000
21.70000
10.30000
18.30000
25.00000
32.30000
20.00000
28.00000

Number of data points (N) = 10

Sum of the individual data points = 220.60000
Mean = 22.06000
Sum of the squares = 314.30400
Standard deviation (S) = 5.90954
Variance (S squared) = 34.92267
Standard error (s sub xbar) = 1.86876
Coefficient of variation = 26.78849

T value, 95% = 2.26200
T value, 99% = 3.25000

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 17.83286
Midpoint of 95% interval (MEAN) is: 22.06000
High end of 95% interval is: 26.28714
Total length of 95% interval is: 8.45427
Half length of 95% interval is: 4.22714

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 15.98653
Midpoint of 99% interval (MEAN) is: 22.06000
High end of 99% interval is: 28.13347
Total length of 99% interval is: 12.14694
Half length of 99% interval is: 6.07347

***** END OF CUREALL RUN *****

*** CUREALL ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 DFPT R+O RAHF FLIGHT (DRFR) SOLEUS MAST CELL CONCENTRATION

Here is the RAW DATA:

18.30000
31.30000
33.30000
34.70000
28.30000
13.00000
21.00000
18.00000
19.70000
15.30000

Number of data points (N) = 10

Sum of the individual data points = 232.90000
Mean = 23.29000
Sum of the squares = 560.38900
Standard deviation (S) = 7.89085
Variance (S squared) = 62.26544
Standard error (s sub xbar) = 2.49530
Coefficient of variation = 33.88083

T value, 95% = 2.26200
T value, 99% = 3.25000

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 17.64562
Midpoint of 95% interval (MEAN) is: 23.29000
High end of 95% interval is: 28.93438
Total length of 95% interval is: 11.28876
Half length of 95% interval is: 5.64438

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 15.18026
Midpoint of 99% interval (MEAN) is: 23.29000
High end of 99% interval is: 31.39974
Total length of 99% interval is: 16.21948
Half length of 99% interval is: 8.10974

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 AEM FLIGHT SOLEUS NON-CONTRACTILE AREA%

Here is the RAW DATA:

7.97000
7.70000
6.87000
12.82000
8.88000

Number of data points '(N) = 5

Sum of the individual data points =	44.24000
Mean =	8.84800
Sum of the squares =	21.77908
Standard deviation (S) =	2.33340
Variance (S squared) =	5.44477
Standard error (s sub xbar) =	1.04353
Coefficient of variation =	26.37210

T value, 95% =	2.77600
T value, 99% =	4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:	5.95116
Midpoint of 95% interval (MEAN) is:	8.84800
High end of 95% interval is:	11.74484
Total length of 95% interval is:	5.79368
Half length of 95% interval is:	2.89684

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:	4.04359
Midpoint of 99% interval (MEAN) is:	8.84800
High end of 99% interval is:	13.65241
Total length of 95% interval is:	9.60882
Half length of 99% interval is:	4.80441

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 AEM CONTROL SOLEUS NON-CONTRACTILE AREA%

Here is the RAW DATA:

11.86000
5.47000
9.11000
7.45000
9.65000

Number of data points '(N) = 5

Sum of the individual data points = 43.54000
Mean = 8.70800
Sum of the squares = 23.05128
Standard deviation (S) = 2.40059
Variance (S squared) = 5.76282
Standard error (s sub xbar) = 1.07358
Coefficient of variation = 27.56761

T value, 95% = 2.77600
T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 5.72775
Midpoint of 95% interval (MEAN) is: 8.70800
High end of 95% interval is: 11.68825
Total length of 95% interval is: 5.96049
Half length of 95% interval is: 2.98025

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 3.76526
Midpoint of 99% interval (MEAN) is: 8.70800
High end of 99% interval is: 13.65074
Total length of 99% interval is: 9.88548
Half length of 99% interval is: 4.94274

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF1-5 FLIGHT SOLEUS NON-CONTRACTILE AREA*

Here is the RAW DATA:

12.60000
10.48000
9.32000
7.07000
13.66000

Number of data points (N) = 5

Sum of the individual data points =	53.13000
Mean =	10.62600
Sum of the squares =	27.47392
Standard deviation (S) =	2.62078
Variance (S squared) =	6.86848
Standard error (s sub xbar) =	1.17205
Coefficient of variation =	24.66383

T value, 95% =	2.77600
T value, 99% =	4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:	7.37240
Midpoint of 95% interval (MEAN) is:	10.62600
High end of 95% interval is:	13.87960
Total length of 95% interval is:	6.50721
Half length of 95% interval is:	3.25360

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:	5.22989
Midpoint of 99% interval (MEAN) is:	10.62600
High end of 99% interval is:	16.02211
Total length of 99% interval is:	10.79222
Half length of 99% interval is:	5.39611

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF 1-5 CONTROL SOLEUS NON-CONTRACTILE AREA%

Here is the RAW DATA:

8.57000
11.44000
13.80000
10.63000
9.20000

Number of data points '(N) = 5

Sum of the individual data points = 53.64000

Mean = 10.72800

Sum of the squares = 16.94548

Standard deviation (S) = 2.05824

Variance (S squared) = 4.23637

Standard error (s sub xbar) = 0.92047

Coefficient of variation = 19.18572

T value, 95% = 2.77600

T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 8.17276

Midpoint of 95% interval (MEAN) is: 10.72800

High end of 95% interval is: 13.28324

Total length of 95% interval is: 5.11048

Half length of 95% interval is: 2.55524

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 6.49013

Midpoint of 99% interval (MEAN) is: 10.72800

High end of 99% interval is: 14.96587

Total length of 99% interval is: 8.47573

Half length of 99% interval is: 4.23787

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF6-10 FLIGHT SOLEUS NON-CONTRACTILE AREA%

Here is the RAW DATA:

10.17000
10.32000
12.86000
13.70000
11.02000

Number of data points '(N) = 5

Sum of the individual data points = 58.07000

Mean = 11.61400

Sum of the squares = 10.01632

Standard deviation (S) = 1.58243

Variance (S squared) = 2.50408

Standard error (s sub xbar) = 0.70768

Coefficient of variation = 13.62518

T value, 95% = 2.77600

T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 9.64947

Midpoint of 95% interval (MEAN) is: 11.61400

High end of 95% interval is: 13.57853

Total length of 95% interval is: 3.92906

Half length of 95% interval is: 1.96453

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 8.35582

Midpoint of 99% interval (MEAN) is: 11.61400

High end of 99% interval is: 14.87218

Total length of 99% interval is: 6.51635

Half length of 99% interval is: 3.25818

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF6-10 CONTROL SOLEUS NON-CONTRACTILE AREA%

Here is the RAW DATA:

12.68000
11.31000
13.52000
10.41000
10.03000

Number of data points '(N) = 5

Sum of the individual data points = 57.95000
Mean = 11.59000
Sum of the squares = 8.81740
Standard deviation (S) = 1.48471
Variance (S squared) = 2.20435
Standard error (s sub xbar) = 0.66398
Coefficient of variation = 12.81023

T value, 95% = 2.77600
T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 9.74679
Midpoint of 95% interval (MEAN) is: 11.59000
High end of 95% interval is: 13.43321
Total length of 95% interval is: 3.68642
Half length of 95% interval is: 1.84321

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 8.53303
Midpoint of 99% interval (MEAN) is: 11.59000
High end of 99% interval is: 14.64697
Total length of 99% interval is: 6.11393
Half length of 99% interval is: 3.05697

***** END OF CUREALL RUN *****

*** CUREALL ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 AEM FLIGHT SOLEUS [ED-2]

Here is the RAW DATA:

94.00000
136.00000
103.00000
103.00000
114.00000

Number of data points '(N) = 5

Sum of the individual data points = 550.00000
Mean = 110.00000
Sum of the squares = 1046.00000
Standard deviation (S) = 16.17096
Variance (S squared) = 261.50000
Standard error (s sub xbar) = 7.23187
Coefficient of variation = 14.70087

T value, 95% = 2.77600
T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 89.92432
Midpoint of 95% interval (MEAN) is: 110.00000
High end of 95% interval is: 130.07568
Total length of 95% interval is: 40.15136
Half length of 95% interval is: 20.07568

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 76.70445
Midpoint of 99% interval (MEAN) is: 110.00000
High end of 99% interval is: 143.29555
Total length of 99% interval is: 66.59109
Half length of 99% interval is: 33.29555

***** END OF CUREALL RUN *****

*** CUREALL ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 AEM CONTROL SOLEUS [ED-2]

Here is the RAW DATA:

112.00000
124.00000
123.00000
92.00000
132.00000

Number of data points '(N) = 5

Sum of the individual data points = 583.00000
Mean = 116.60000
Sum of the squares = 959.20000
Standard deviation (S) = 15.48548
Variance (S squared) = 239.80000
Standard error (s sub xbar) = 6.92532
Coefficient of variation = 13.28086

T value, 95% = 2.77600
T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 97.37532
Midpoint of 95% interval (MEAN) is: 116.60000
High end of 95% interval is: 135.82468
Total length of 95% interval is: 38.44935
Half length of 95% interval is: 19.22468

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 84.71585
Midpoint of 99% interval (MEAN) is: 116.60000
High end of 99% interval is: 148.48415
Total length of 99% interval is: 63.76831
Half length of 99% interval is: 31.88415

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF1-5 FLIGHT SOLEUS [ED-2]

Here is the RAW DATA:

140.00000
121.00000
90.00000
157.00000
137.00000

Number of data points '(N) = 5

Sum of the individual data points = 645.00000
Mean = 129.00000
Sum of the squares = 2554.00000
Standard deviation (S) = 25.26856
Variance (S squared) = 638.50000
Standard error (s sub xbar) = 11.30044
Coefficient of variation = 19.58803

T value, 95% = 2.77600
T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 97.62997
Midpoint of 95% interval (MEAN) is: 129.00000
High end of 95% interval is: 160.37003
Total length of 95% interval is: 62.74006
Half length of 95% interval is: 31.37003

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 76.97276
Midpoint of 99% interval (MEAN) is: 129.00000
High end of 99% interval is: 181.02724
Total length of 99% interval is: 104.05447
Half length of 99% interval is: 52.02724

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF1-5 CONTROL SOLEUS [ED-2]

Here is the RAW DATA:

123.00000
113.00000
105.00000
145.00000
125.00000

Number of data points '(N) = 5

Sum of the individual data points = 611.00000

Mean = 122.20000

Sum of the squares = 908.80000

Standard deviation (S) = 15.07315

Variance (S squared) = 227.20000

Standard error (s sub xbar) = 6.74092

Coefficient of variation = 12.33482

T value, 95% = 2.77600

T value, 99% = 4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is: 103.48721

Midpoint of 95% interval (MEAN) is: 122.20000

High end of 95% interval is: 140.91279

Total length of 95% interval is: 37.42559

Half length of 95% interval is: 18.71279

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is: 91.16481

Midpoint of 99% interval (MEAN) is: 122.20000

High end of 99% interval is: 153.23519

Total length of 99% interval is: 62.07039

Half length of 99% interval is: 31.03519

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF6-10 FLIGHT SOLEUS [ED-2]

Here is the RAW DATA:

114.00000
130.00000
107.00000
126.00000
111.00000

Number of data points '(N) = 5

Sum of the individual data points =	588.00000
Mean =	117.60000
Sum of the squares =	393.20000
Standard deviation (S) =	9.91464
Variance (S squared) =	98.30000
Standard error (s sub xbar) =	4.43396
Coefficient of variation =	8.43081

T value, 95% =	2.77600
T value, 99% =	4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:	105.29133
Midpoint of 95% interval (MEAN) is:	117.60000
High end of 95% interval is:	129.90867
Total length of 95% interval is:	24.61735
Half length of 95% interval is:	12.30867

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:	97.18605
Midpoint of 99% interval (MEAN) is:	117.60000
High end of 99% interval is:	138.01395
Total length of 99% interval is:	40.82790
Half length of 99% interval is:	20.41395

***** END OF CUREALL RUN *****

*** C U R E A L L ***

V2.60 Dec 91 - by Stanley Kaplan, Ph.D.

SLS-1 R+0 RAHF6-10 CONTROL SOLEUS [ED-2]

Here is the RAW DATA:

117.00000
147.00000
111.00000
121.00000
125.00000

Number of data points '(N) = 5

Sum of the individual data points =	621.00000
Mean =	124.20000
Sum of the squares =	756.80000
Standard deviation (S) =	13.75500
Variance (S squared) =	189.20000
Standard error (s sub xbar) =	6.15142
Coefficient of variation =	11.07488

T value, 95% =	2.77600
T value, 99% =	4.60400

95% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 95% interval is:	107.12365
Midpoint of 95% interval (MEAN) is:	124.20000
High end of 95% interval is:	141.27635
Total length of 95% interval is:	34.15270
Half length of 95% interval is:	17.07635

99% CONFIDENCE INTERVAL IS AS FOLLOWS:

Low end of 99% interval is:	95.87885
Midpoint of 99% interval (MEAN) is:	124.20000
High end of 99% interval is:	152.52115
Total length of 99% interval is:	56.64230
Half length of 99% interval is:	28.32115

***** END OF CUREALL RUN *****